

PATENT COOPERATION TREATY
PCT

INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)

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| Applicant's or agent's file reference PC116000 | FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below. | |
| International application No. PCT/CA2004/001986 | International filing date (day/month/year) 18 November 2004 (18-11-2004) | (Earliest) Priority date (day/month/year) 20 November 2003 (20-11-2003) |
| Applicant APOTEX INC. | | |
| <p>This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.</p> <p>This international search report consists of a total of <u>4</u> sheets.</p> <p><input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p> <p>1. Basis of the report</p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p style="padding-left: 40px;"><input type="checkbox"/> The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).</p> <p>b. <input type="checkbox"/> With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (see Box No. II).</p> <p>3. <input type="checkbox"/> Unity of invention is lacking (see Box No. III).</p> <p>4. With regard to the title,</p> <p style="padding-left: 20px;"><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p style="padding-left: 20px;"><input type="checkbox"/> the text has been established by this Authority to read as follows :</p> <p>5. With regard to the abstract,</p> <p style="padding-left: 20px;"><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p style="padding-left: 20px;"><input type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. With regard to the drawings,</p> <p style="padding-left: 20px;">a. the figure of the drawings to be published with the abstract is Figure No. <u>1</u></p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> as suggested by the applicant.</p> <p style="padding-left: 40px;"><input type="checkbox"/> as selected by this authority, because the applicant failed to suggest a figure.</p> <p style="padding-left: 40px;"><input type="checkbox"/> as selected by this Authority, because this figure better characterizes the invention.</p> <p style="padding-left: 20px;">b. <input type="checkbox"/> none of the figures is to be published with the abstract.</p> | | |

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/001986

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ C07D-413/06 C07D-401/06 C07D-213/81 A61K-31/4412 A61K-31/537 A61K-31/496 A61P-39/00
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC⁷ C07D-413/06 C07D-401/06 C07D-213/81
ECLA C07D-213/81E

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)
STN (structure search); Techsource: (dihydropyridin or pyridin) and (one or oxo); EPODOC: (dihydropyridin or pyridin) and (oxo or one)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No(s). |
|-----------|--|--------------------------|
| Y A | US 6,472,532 (TAM and LI) 29 October 2002 Examples 6 and 7, col. 11 and 12 The whole document | 14-15 1-13, 16-18 |
| Y A | US 6,476,229 (TAM and LI) 5 November 2002 Example 6, col. 11 The whole document | 14-15 1-13, 16-18 |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents :
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
"L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
03 February 2005 (03-02-2005)

Date of mailing of the international search report
14 March 2005 (14-03-2005)

Name and mailing address of the ISA/CA
Canadian Intellectual Property Office
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/001986

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No(s). |
|-----------|---|--------------------------|
| A | CA 2,287,907 (HIDER et al.) 03 December 1998 The whole document | 1-18 |
| A | US 5,688,815 (ZBINDEN) 18 November 1997 (cited in the application) Examples 6 and 23 | 1-18 |

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CA2004/001986

| <u>Patent Document Cited in Search Report</u> | <u>Publication Date</u> | <u>Patent Family Member(s)</u> | <u>Publication Date</u> |
|---|-----------------------------|---|--|
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| US6476229 | 05-11-2002 | BR0213814 A EP1440061 A1 US6426418 B1 US6472532 B1 US6476229 B1 WO03037867 A1 | 19-10-2004 28-07-2004 30-07-2002 29-10-2002 05-11-2002 08-05-2003 |
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